

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

James Benjamin Moates

U.S. Serial No.: Herewith

Filed: March 5, 2004

For: **HANGER ASSEMBLY FOR  
AIRCRAFT**

Group Art Unit:

Examiner:

CERTIFICATE OF MAILING BY EXPRESS MAIL

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Date of Deposit: March 5, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Alexandria, VA 22313-1450.

Print Name: Alicia A. Colon

Signature: Alicia A. Colon

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

March 5, 2004

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97, and 1.98, Applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner. It is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

I. LIST OF PATENTS, PUBLICATIONS, OR OTHER INFORMATION

The patents, publications, and other information submitted for consideration by the Office (except U.S. patent applications) are listed on Form PTO-1449, attached hereto.

II. COPIES

- a. X Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed, except that no copy of a published U.S. patent or a U.S. patent application is included.
- b.    Any patents, publications or other information which are listed on PTO-1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon

for an earlier filing date under 35 U.S.C. §120:

U.S. Serial Number

U.S. Filing Date

III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

- a. X Except as may be indicated below in (b), all of the patents, publications or other information are in the English language (concise explanation not required).
- b. X A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. §1.98(a)(3)): a corresponding English language abstract is submitted for each foreign language patent document.
- c.     The following additional information is provided for the Examiner's consideration.

IV. CROSS REFERENCE TO RELATED APPLICATION(S)

The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this(these) application(s) to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. §122.

Serial No.

Filing Date

Art Unit

V. X THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(b): (check one box)

- a. X within three months of the filing date of a national application (37 C.F.R. §1.97(b)(1)). No fee or certification is required.
- b.     within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. §1.97(b)(2)). No fee or certification is required.
- c.     before the mailing date of a first Office action on the merits (37 C.F.R. §1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. §1.97(c) and see the certification under 37 C.F.R. §1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$240.00 as required by 37 C.F.R. §1.17(p).

VI.     THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c): (check one box)

- before the mailing date of either a Final Office Action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311.
- a.     No certification; therefore, a fee in the amount of \$240.00 is required by 37 C.F.R. §1.17(p).

b. \_\_\_\_\_ See the certification below. No fee is required.

VII. \_\_\_\_\_ THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(d): (check one box)

• after the mailing date of either a Final Office Action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311, yet on or before payment of the issue fee.

a. \_\_\_\_\_ See the certification below and the petition requesting consideration of the IDS attached hereto. A fee in the amount of \$240.00 is required by 37 C.F.R. §1.17(p).

VIII. CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box)

The undersigned hereby certifies that:

a. \_\_\_\_\_ each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. §1.97(e)(1)); a copy of the communication is enclosed; or

b. \_\_\_\_\_ no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this statement (See 37 C.F.R. §1.97(e)(2)).

c. \_\_\_\_\_ Some of the items of information were cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this statement.

IX. PAYMENT OF FEES (check one box)

\_\_\_\_\_ A check in the amount of \$240.00 is enclosed for the above-identified fee.

\_\_\_\_\_ Please charge Deposit Account No. 14-1263 in the amount of \$240.00 for the above-indicated fee. A triplicate copy of this paper is attached.

The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art.

If the Examiner has any questions concerning this IDS, the Examiner is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 14-1263.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. §1.17 to Deposit Account No. 14-1263.

Respectfully submitted,

  
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Attorney Docket No. 20776-168 US

Enclosures:      X   PTO-1449  
                         PTO-892  
                    X   References  
                         Foreign Search Report  
                         Fee  
                         Other:

- Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p>				<b>Complete if Known</b>	
Application Number					
Filing Date		March 5, 2004			
First Named Inventor		James Benjamin Moates			
Art Unit					
Examiner Name					
Attorney Docket Number		20776-168 US			
Sheet	1	of	2		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		US- 2,393,105		01-15-1946		
		US- 2,462,744		02-22-1949		
		US- 2,786,392		03-26-1957		
		US- 3,146,668		09-01-1964		
		US- 3,228,192		01-11-1966		
		US- 3,276,317		10-04-1966		
		US- 3,468,215		09-23-1969		
		US- 3,771,412		11-13-1973		
		US- 3,967,529		07-06-1976		
		US- 4,155,286		05-22-1979		
		US- 4,204,456		05-27-1980		
		US- 4,257,567		05-24-1981		
		US- 4,417,709		11-29-1983		
		US- 4,545,284		10-08-1985		
		US- 4,660,456		04-28-1987		
		US- 4,711,151		12-08-1987		
		US- 4,732,074		03-22-1988		
		US- 4,745,840		05-24-1988		
		US- 4,750,404		06-14-1988		
		US- 4,926,740		05-22-1990		

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind <sup>5</sup> (if known)				
			DE4321379		01-05-1995	Deutsche Aerospace (DE)		
			JP8121995		05-17-1996	Mitsubishi Heavy Ind Ltd		

Examiner Signature		Date Considered	
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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